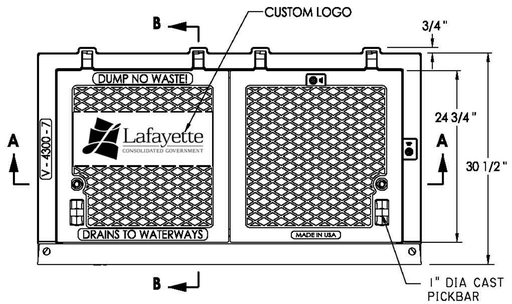
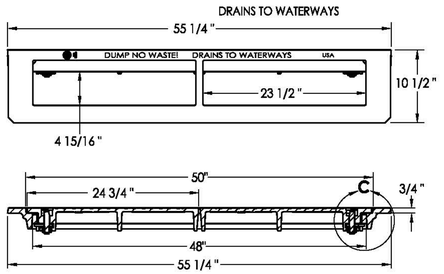
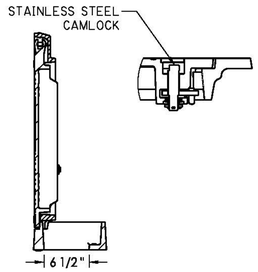


PLAN OF CAST IRON COVER

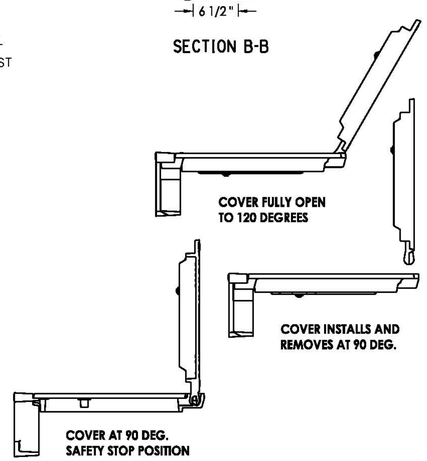


SECTION A-A

V4302 V4300-7 Set

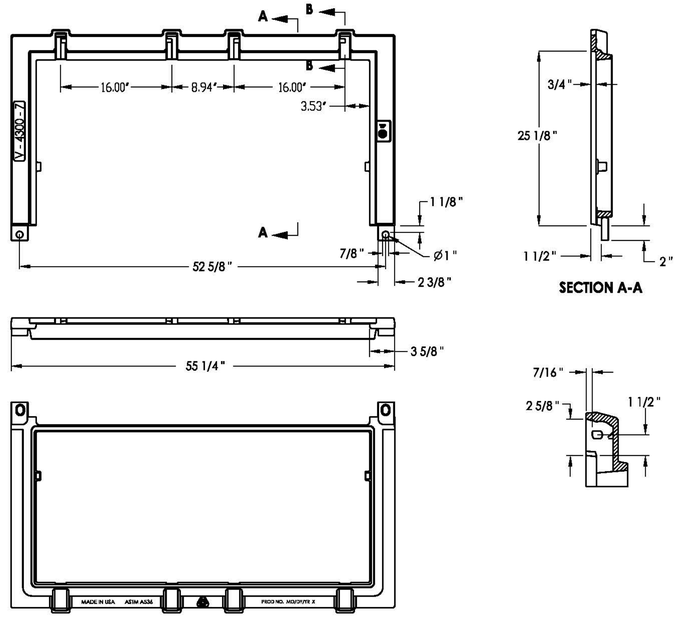


SECTION B-B



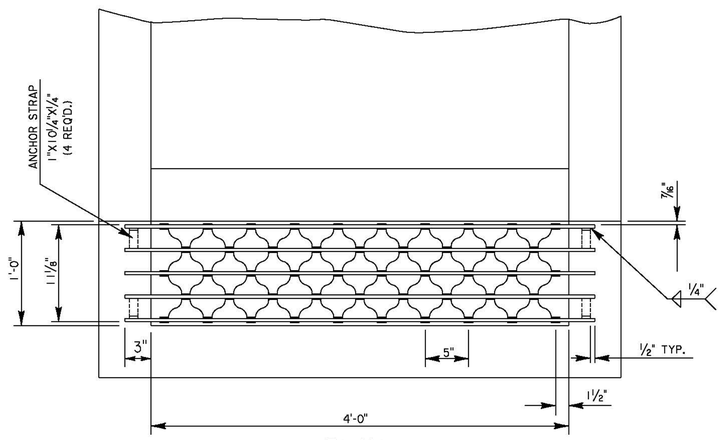
TYPE "H"

NOTES:
CASTINGS TO BE ASTM A536
WEIGHT OF CAST IRON COVER (2) = 125 LBS/EACH
WEIGHT OF CAST IRON FRAME = 134 LBS
WEIGHT OF UNIT = 384 LBS

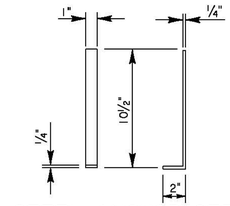


SECTION A-A

V4300-7 Frame

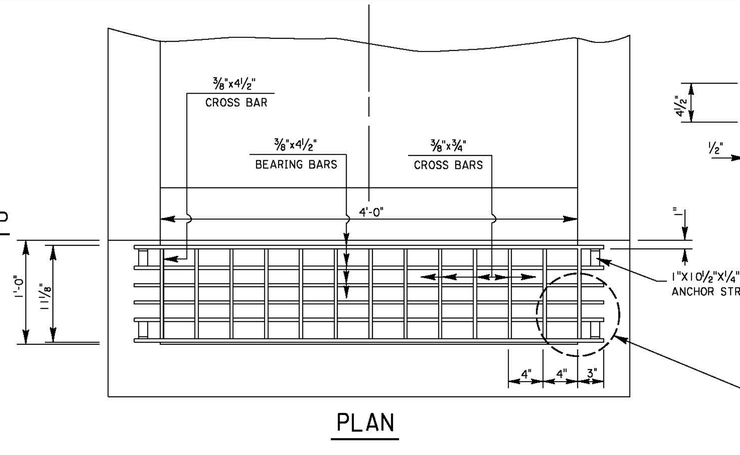


PLAN

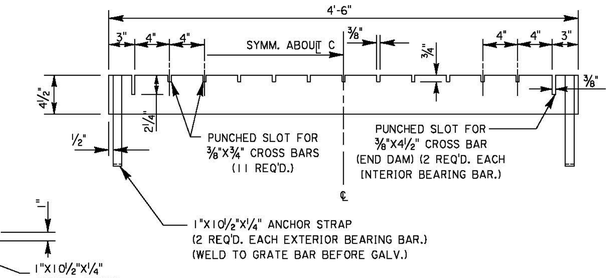


STEEL ANCHOR STRAP

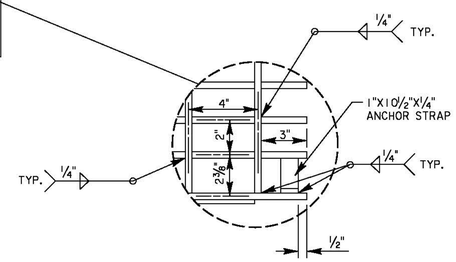
(4 REQ'D. PER GRATE)

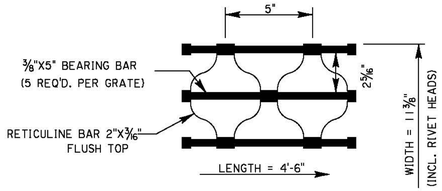


PLAN



ELEVATION





DRAIN GRATE DETAIL (ALTERNATE)

DETAILS OF RIVETED RETICULINE DRAIN GRATE (ALTERNATE)

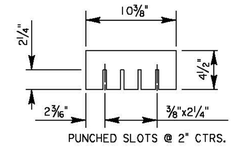
CENTER TO CENTER OF BEARING BARS EQUAL 2 11/16".
WEIGHT OF DRAIN GRATE = 176 LBS. ± 5%

DETAILS OF WELDED & SEALED DRAIN GRATE

WELD FULL DEPTH. SEAL AFTER STRENGTH WELD IS COMPLETED.
WEIGHT OF DRAIN GRATE = 185 LBS. ±5%

TYPE " I "

GRATE TO BE GALVANIZED AFTER FABRICATION.



WELDED AND SEALED STEEL GRATE

⅜"X4½" END CROSS BAR.
(2 REQ'D. PER GRATE)

SHEET

AUGUST 2017

DETAILS OF GRATES, GRATE FRAMES & COVERS FOR CATCH BASINS AND MANHOLES

MC-01

SHEET 3 OF 6